

1	2	3	4	5	6
6	Khaper Kheda Extension	State	MAHA GEN	Under construction	500
7	Bhusawal	State	MAHA GEN	Under construction	1000
8	Trombay Thermal Power Station	Private	TATA Power	Commissioned	250
9	JSW Energy, Ratnagiri	Private	JSW	Under construction	1200
TOTAL :					4690

**Power capacity addition**

1763. SHRI RAMDAS AGARWAL: Will the Minister of POWER be pleased to state:

(a) whether findings of a recent mission of the Ministry of China has revealed that India lags behind China in power growth;

(b) whether it is a fact that India has not been able to add even 10,000 MW of capacity in a single year whereas China was adding 1.0 to 1.5 lakh MW of power capacity every year;

(c) if so, what was country's capacity addition during 2007-08, 2008-09 and likely to be during 2009-10 as against the target fixed during each year; and

(d) if not, what concrete steps Government is taking to achieve the targeted capacity during the remaining part of the current Five Year Plan?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI): (a) and (b) Yes, Sir. A team of officers from Central Electricity Authority and NTPC Ltd. had visited China in March, 2009. During discussions the team had gathered that China had commissioned on an average one station of 2000 MW every week, thus adding about 1,00,000 MW in a year. It is a fact that India has not been able to achieve capacity addition of 10,000 MW in any single year so far.

(c) The capacity addition targets and achievements for the years 2007-08 and 2008-09 are as given below:

(In MW)			
Year	Original Target	Revised Target	Achievements
2007-08	16335	12039	9263
2008-09	11061*	7530	3453

\* Revised to 7530 MW due to change in definition of commissioning. Earlier unit synchronized was considered as commissioned which was changed to full load operation in 2008-09.

The capacity addition target for the year 2009-10 is 14507 MW against which the achievement is expected to be over 10,000 MW.

(d) Following steps have been taken to ensure timely completion of the projects in the 11th Plan:

1. Monitoring mechanism has been strengthened to achieve targets by designating a nodal officer in the Central Electricity Authority (CEA) for each project. The nodal officers keep track of construction activities and make frequent visits to the power plant to have on the spot assessment of progress of work. The bottlenecks if any are identified and solutions thereof are decided in consultation with project authorities and executing agencies.
2. A Power Projects Monitoring Panel (PPMP), comprising of independent consultants has been constituted specifically for the purpose of field visit, review and reporting on the projects under implementation.
3. The progress of the projects is also reviewed intensively periodically at the highest level by the Central Electricity Authority and the Ministry of Power.
4. Bharat Heavy Electricals Limited (BHEL) is a major indigenous manufacturer for main plant equipment in Public Sector. BHEL has enhanced its capacity to deliver 10,000 MW of main plant equipment per annum, have put in place an action plan to enhance capacity to deliver 15,000 MW per annum by December, 2009 and may raise this capacity upto 20000 MW by 2011 depending upon the market demand.
5. A Joint Venture Agreement has been signed between NTPC Ltd. and BHEL to take up work related to Engineering, Procurement and Construction (EPC) for power plants and other infrastructure projects.
6. M/s L&T has already formed a Joint Venture Company with MHI, Japan for manufacture of supercritical steam generator and steam turbine generators in India.
7. All stakeholders have been sensitized towards enlarging the vendor base so as to meet the Balance of Plants (BoP) requirements.
8. Pre-qualification requirement for super critical unit manufacturers has since been modified so as to qualify new Joint Venture between Indian company and the technology provider company.
9. Bulk ordering of 11 units of 660 MW each with supercritical technology with mandatory phased indigenous manufacturing Programme is also planned to promote indigenous manufacturing.
10. To overcome the shortage of skilled manpower, 'Adopt an ITI' initiative has been taken up.

#### **Power crisis**

1764.MS. SUSHILA TIRIYA: Will the Minister of POWER be pleased to state:

- (a) whether it is a fact that the country is facing severe power crisis;
- (b) if so, the reasons therefor;